FUTEK MODEL LCF775

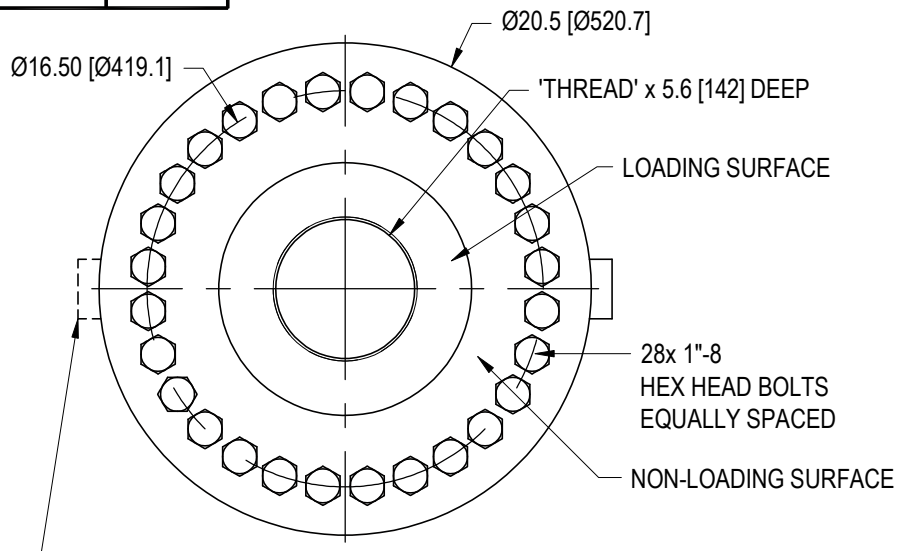
UNIVERSAL PANCAKE LOADCELL

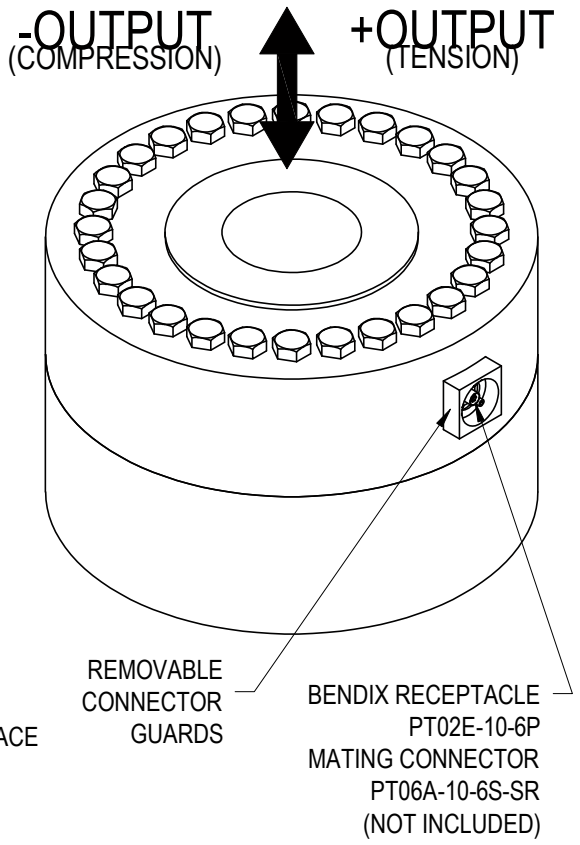
Drawing Number: FI1277-A

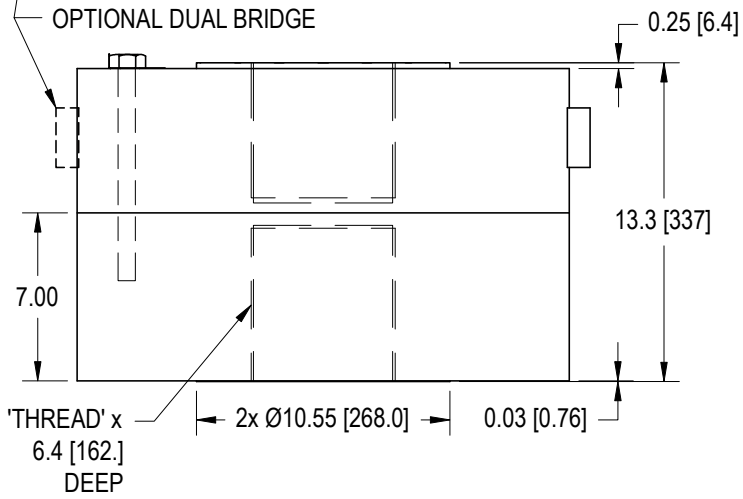
INCH [mm] | R.O.= Rated Output

WIRING CODE(CC1)

+Excitation	-Excitation	+Signal	-Signal
RED PIN 'A'	BLACK PIN 'B'	GREEN PIN 'C'	WHITE PIN 'D'
+Sense	-Sense		
ORANGE PIN 'E'	BLUE PIN 'F'		







SEE LCF770 FOR VERSION
WITHOUT TENSION BASE

ITEM NO:	THREAD	DUAL BRIDGE
FSH02446	6-8-3B	
FSH02776		X
FSH02777	M150x4-4H	
FSH02778		X

SPECIFICATIONS:

RATED OUTPUT	*4 mV/V nom.*
CAPACITY	*1000 Klb [4500 kN]*
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±1% of R.O.*
EXCITATION	*20 VDC max.*
BRIDGE RESISTANCE	*350 Ω nom.*
NONLINEARITY	*±0.2% of R.O.*
HYSTERESIS	*±0.2% of R.O.*
NONREPEATABILITY	*±0.02% of R.O.*
TEMP. SHIFT ZERO	*±0.005% of R.O./°F (0.01% of R.O./°C)*
TEMP. SHIFT SPAN	*±0.005% of LOAD/°F (0.01% of LOAD/°C)*
COMPENSATED TEMP.	*60 to 160°F (15 to 72°C)*
OPERATING TEMP.	*-60 to 200°F (-50 to 93°C)*
WEIGHT	*approx. 1100 lbs*
MATERIAL	*Alloy Steel*

CONNECTOR: 6 Pin Bendix Receptacle, PT02E-10-6P

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (STD)	*NIST Traceable 5pts. Compression*
	30 KΩ Shunt
CALIBRATION (OPT)	*NIST Traceable 5pts. Tension*
CALIBRATION TEST EXCITATION	*10 VDC*

FUTEK ADVANCED SENSOR TECHNOLOGY, INC.

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CAGE CODE # 1X8M6

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